

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	18	flatten\$3 same ((remov\$3 delet\$3) with (one\$5one one-to-one (one adj one)))	US-PGPUB; USPAT	OR	OFF	2009/08/31 10:44
L10	18	flatten\$3 same ((remov\$3 delet\$3) with (one\$5one one-to-one (one adj one)))	US-PGPUB; USPAT	OR	ON	2009/08/31 10:44
L11	159	flat same ((remov\$3 delet\$3) with (one\$5one one-to-one (one adj one)))	US-PGPUB; USPAT	OR	OFF	2009/08/31 10:46
L12	43	(remov\$3 delet\$3) near (level layer) same ((remov\$3 delet\$3) with (one\$5one one-to-one (one adj one)))	US-PGPUB; USPAT	OR	OFF	2009/08/31 10:46
S104	7	"6752313"	US-PGPUB; USPAT	OR	ON	2009/08/11 17:23
S105	0	uddi and (directory (web near service)) and (parent with ((plurality multiple several different many) near attribute)) and repeat\$3 near attribute	US-PGPUB; USPAT	OR	ON	2009/08/11 18:10
S106	4	uddi and repeat\$3 near attribute	US-PGPUB; USPAT	OR	ON	2009/08/11 18:11
S107	381	repeat\$3 near attribute	US-PGPUB; USPAT	OR	ON	2009/08/11 18:12
S108	47	repeating' near attribute	US-PGPUB; USPAT	OR	ON	2009/08/11 18:12
S109	47	repeating near attribute	US-PGPUB; USPAT	OR	ON	2009/08/11 18:12
S110	1	"20040205084"	US-PGPUB; USPAT	OR	ON	2009/08/11 18:35
S111	2	repeat\$3 with object with parent with child\$3 with attribute	US-PGPUB; USPAT	OR	ON	2009/08/11 19:15

S112	32	repeat\$3 with object with parent with child \$3	US-PGPUB; USPAT	OR	ON	2009/08/11 19:15
S113	5503	splitting with object	US-PGPUB; USPAT	OR	ON	2009/08/11 19:19
S114	58	splitting same object same child	US-PGPUB; USPAT	OR	ON	2009/08/11 19:20
S115	7	uddi and directory and parent near object and child\$3 near object and attributes and business near entity	US-PGPUB; USPAT	OR	ON	2009/08/11 19:31
S116	7	uddi and directory and parent near object and child\$3 near object and business near entity	US-PGPUB; USPAT	OR	ON	2009/08/11 19:31
S117	9	uddi and directory and parent near object and child\$3 near object	US-PGPUB; USPAT	OR	ON	2009/08/11 19:32
S118	7	uddi and parent near object and child\$3 near object and business near entity	US-PGPUB; USPAT	OR	ON	2009/08/11 19:32
S119	9	uddi and parent near object and child\$3 near object and business	US-PGPUB; USPAT	OR	ON	2009/08/11 19:32
S120	23	uddi and parent near object and business	US-PGPUB; USPAT	OR	ON	2009/08/11 19:33
S121	109	uddi and directory and attributes and business near entity	US-PGPUB; USPAT	OR	ON	2009/08/11 19:35
S122	70	uddi and directory and attributes and business near entity and child	US-PGPUB; USPAT	OR	ON	2009/08/11 19:35
S123	24	uddi and directory and attribute with child	US-PGPUB; USPAT	OR	ON	2009/08/11 19:44
S124	16	S123 not S122	US-PGPUB; USPAT	OR	ON	2009/08/11 19:44
S125	3	(creat\$3 build\$3) with child near object with repeat\$3	US-PGPUB; USPAT	OR	ON	2009/08/11 19:50
S126	16	(creat\$3 build\$3) with child near object with parent with attribute	US-PGPUB; USPAT	OR	ON	2009/08/11 19:52
S127	0	"20040205084"	USPAT	OR	OFF	2009/08/19 14:40

S128	1	"20040205084"	US-PGPUB; USPAT	OR	OFF	2009/08/19 14:40
S129	980	hierarchy with (collaps \$3 flatten\$3)	US-PGPUB; USPAT	OR	OFF	2009/08/19 14:48
S130	0	hierarchy with (collaps \$3 flatten\$3) with (promot\$3 merg\$3) near2 object	US-PGPUB; USPAT	OR	OFF	2009/08/19 14:48
S131	11	hierarchy with (collaps \$3 flatten\$3) with (promot\$3 merg\$3) near2 object	US-PGPUB; USPAT	OR	ON	2009/08/19 14:48
S132	16	hierarchy with (collaps \$3 flatten\$3) with (one- to-one (one near2 one))	US-PGPUB; USPAT	OR	ON	2009/08/19 15:15
S133	41	hierarchy with (collaps \$3 flatten\$3) same (one-to-one (one near2 one))	US-PGPUB; USPAT	OR	ON	2009/08/19 15:18
S134	11	hierarchy with (collaps \$3 flatten\$3) same (promot\$3 merg\$3) near2 object	US-PGPUB; USPAT	OR	ON	2009/08/19 17:16
S135	38	hierarchy with (promot \$3 merg\$3) near2 object	US-PGPUB; USPAT	OR	ON	2009/08/19 17:18
S136	60	hierarchy with flatten\$3 with object	US-PGPUB; USPAT	OR	ON	2009/08/19 17:30
S137	49	S136 not S134 not S135	US-PGPUB; USPAT	OR	ON	2009/08/19 17:33
S138	17	entity near2 (diagram relationship) same merg \$3 near2 (object child entity)	US-PGPUB; USPAT	OR	ON	2009/08/19 17:52
S139	11	one-to-one same merg \$3 near2 (object child entity)	US-PGPUB; USPAT	OR	ON	2009/08/19 17:59
S140	212	(merg\$3 join\$3) with child with object	US-PGPUB; USPAT	OR	ON	2009/08/19 18:20
S141	17	(merg\$3 join\$3) with child with object with hierarch\$4	US-PGPUB; USPAT	OR	ON	2009/08/19 18:20

S142	6	one-to-one near relationship with object and (eliminat\$3 flatten\$3 remov\$3) with (relationship hierarch\$4 one-to-one) and (mov\$3 merg\$3 join\$3) with (content attribute) with object	US-PGPUB; USPAT	OR	ON	2009/08/19 18:32
S143	125	(mov\$3 merg\$3 join\$3) with (content attribute) with object with (second another different) near object	US-PGPUB; USPAT	OR	ON	2009/08/19 18:39
S144	23	(mov\$3 merg\$3 join\$3) near2 (content attribute) with object with (second another different) near object	US-PGPUB; USPAT	OR	ON	2009/08/19 18:39
S145	48	(mov\$3 merg\$3 join\$3 transfer\$4) near2 (content attribute) with object with (second another different) near object	US-PGPUB; USPAT	OR	ON	2009/08/19 18:39
S146	339	(remov\$3 delet\$3) near3 level with hierarch\$4	US-PGPUB; USPAT	OR	ON	2009/08/19 19:01
S147	257	(remov\$3 delet\$3) near3 level near2 hierarch\$4	US-PGPUB; USPAT	OR	ON	2009/08/19 19:01
S148	0	(remov\$3 delet\$3) near3 level near2 hierarch\$4 same child near object	US-PGPUB; USPAT	OR	ON	2009/08/19 19:02
S149	0	(remov\$3 delet\$3) near3 level near2 hierarch\$4 same child near object	US-PGPUB; USPAT	OR	ON	2009/08/19 19:02
S150	8	(remov\$3 delet\$3) near3 level near2 hierarch\$4 and child near object	US-PGPUB; USPAT	OR	ON	2009/08/19 19:02
S151	2	(remov\$3 delet\$3) near3 level near2 hierarch\$4 and (mov\$3 merg\$3 add\$3 join\$3 transfer\$4) with (attribute content) with object	US-PGPUB; USPAT	OR	ON	2009/08/19 19:04

S152	13418	(mov\$3 merg\$3 add\$3 join\$3 transfer\$4) with (attribute content) with object	US-PGPUB; USPAT	OR	ON	2009/08/19 19:05
S153	1791	(mov\$3 merg\$3 add\$3 join\$3 transfer\$4) near2 (attribute content) near2 object	US-PGPUB; USPAT	OR	ON	2009/08/19 19:05
S154	23	(mov\$3 merg\$3 add\$3 join\$3 transfer\$4) near2 (attribute content) near2 object and flatten\$3	US-PGPUB; USPAT	OR	ON	2009/08/19 19:05
S155	241	merg\$3 with level with hierarchy	US-PGPUB; USPAT	OR	ON	2009/08/19 19:08
S156	12	merg\$3 near level near hierarchy	US-PGPUB; USPAT	OR	ON	2009/08/19 19:08
S157	61	remov\$4 near2 (level portion layer) near2 hierarchy	US-PGPUB; USPAT	OR	ON	2009/08/19 19:16
S158	510	one\$5one with (object node) same (tree hierarch\$4 directory)	US-PGPUB; USPAT	OR	ON	2009/08/25 16:21
S159	1072	one\$5one with (object node) with (relationship tree hierarch\$4 directory)	US-PGPUB; USPAT	OR	ON	2009/08/25 16:22
S160	316	one\$5one with (object node) with (relationship tree hierarch\$4 directory) and "707". clas.	US-PGPUB; USPAT	OR	ON	2009/08/25 16:23
S161	34	one\$5one with (object node) with (relationship tree hierarch\$4 directory) same (flatten \$3 remov\$3 merg\$3 mov\$3) with (portion node object content child)	US-PGPUB; USPAT	OR	ON	2009/08/25 16:25
S162	19	one\$5one with (object node) with (relationship tree hierarch\$4 directory) with (flatten \$3 remov\$3 merg\$3 mov\$3)	US-PGPUB; USPAT	OR	ON	2009/08/25 16:31
S163	0	S162 not S161	US-PGPUB; USPAT	OR	ON	2009/08/25 16:31

S164	31	one\$5one with (object node) with (relationship tree hierarch\$4 directory) and (flatten \$3 remov\$3 merg\$3 mov\$3) with one\$5one	US-PGPUB; USPAT	OR	ON	2009/08/25 16:32
S165	10	S164 not S161	US-PGPUB; USPAT	OR	ON	2009/08/25 16:32
S166	18	one\$5one near (mapping relationship) with (object node hierarch\$4) and (remov \$3 delet\$3) with one \$5one	US-PGPUB; USPAT	OR	ON	2009/08/25 16:40
S167	71	one\$5one near (mapping relationship) with (remov\$3 delet\$3) with one\$5one	US-PGPUB; USPAT	OR	ON	2009/08/25 17:22
S168	60	S167 not S166	US-PGPUB; USPAT	OR	ON	2009/08/25 17:22
S169	4	one\$5one near (mapping relationship) with (object node hierarch\$4) and (collaps \$3) with one\$5one	US-PGPUB; USPAT	OR	ON	2009/08/25 17:29
S170	4	one\$5one with (mapping relationship) with (object node hierarch\$4) and (collaps \$3) with one\$5one	US-PGPUB; USPAT	OR	ON	2009/08/25 17:41
S171	8	one\$5one with (mapping relationship) with (object node hierarch\$4) same (collaps\$3)	US-PGPUB; USPAT	OR	ON	2009/08/25 17:41
S172	33	one\$5one with (mapping relationship) same (collaps\$3)	US-PGPUB; USPAT	OR	ON	2009/08/25 17:44
S173	0	one\$5one with (mapping relationship) with (object node hierarch\$4) with promot \$3	US-PGPUB; USPAT	OR	ON	2009/08/25 17:47
S174	4	one\$5one with (mapping relationship) with (object node hierarch\$4) same promot\$3	US-PGPUB; USPAT	OR	ON	2009/08/25 17:48

S175	17	("20020107973"   "20020184213"   "20030058277"   "20030204487"   "20040205615"   "20040216030"   "20050160408"   "20060235732"   "5581678"   "5611034"   "5970490"   "6009428"   "6178416"   "6195662"   "6222540"   "6820135"   "6823495").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/25 17:48
S176	102	multiple near4 one \$5one near2 (mapping relationship)	US-PGPUB; USPAT	OR	ON	2009/08/25 17:54
S177	7	multiple near4 one \$5one near2 (mapping relationship) with (object node hierarch \$3)	US-PGPUB; USPAT	OR	ON	2009/08/25 17:55
S178	8	multiple near4 one \$5one near2 (mapping relationship) same (object node hierarch \$3)	US-PGPUB; USPAT	OR	ON	2009/08/25 17:55
S179	16867	(remov\$3 delet\$3 condens\$3 flatten\$3 merg\$3 flat) near2 (level layer tier portion branch) with (tree hierarch\$4 object node)	US-PGPUB; USPAT	OR	ON	2009/08/25 19:19
S180	130	(remov\$3 delet\$3 condens\$3 flatten\$3 merg\$3 flat) near2 (level layer tier portion branch) near2 (tree hierarch\$4) with (object node)	US-PGPUB; USPAT	OR	ON	2009/08/25 19:20
S181	170	(remov\$3 delet\$3 condens\$3 flatten\$3 merg\$3 flat) near2 relationship near (node object)	US-PGPUB; USPAT	OR	ON	2009/08/26 16:21
S182	150	(remov\$3 delet\$3) near2 relationship near (node object)	US-PGPUB; USPAT	OR	ON	2009/08/26 16:22

S183	85	(remov\$3 delet\$3) near relationship near (node object)	US-PGPUB; USPAT	OR	ON	2009/08/26 16:22
S184	1	(remov\$3 delet\$3) near relationship adj (node object) same hierarch \$4	US-PGPUB; USPAT	OR	ON	2009/08/26 16:22
S185	66	(remov\$3 delet\$3) near relationship adj (node object)	US-PGPUB; USPAT	OR	ON	2009/08/26 16:22
S186	33	(remov\$3 delet\$3) near2 (one-to-one (one adj one) one\$5one) with relationship	US-PGPUB; USPAT	OR	ON	2009/08/31 05:29

### EAST Search History (Interference)

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